August 17, 1973

Mrs. Beverly Hall
Department of Justice
State of Oregon
Room 555, State Office Building
1400 SW Fifth Avenue
Portland, OR

Dear Mrs. Hall:

Per our disucssion of Wednesday, we have made a review of the type of waste chemicals shipped by ChemWaste to Alkali Lake. We have only approximate analyses of these wastes, but they are essentially three types of compounds.

1. MCPA Tar, 4585 drums, with the approx. composition of:

   30% MCPA Acids (as sodium salts)
   40% Chlorinated cresols and other organic compounds (as Sod. Salt
   15% Caustic
   10% H_2O
   5% Sodium chloride and other salts.

2. 2,4-D Bleed, 11,588 drums with the approx. composition of:

   20% 2% to 5% 2,4-D (as sodium salt)
   14% to 30% Phenolic compounds as sodium salts.
   Remaining materials, sodium chloride,
   5% to 20% sodium hydroxide, and
   Q S with water to 100%

3. 2,4-D Tar, 9340 drums of the following average composition:

   About 2% dichlorophenol
   About 11% trichlorophenol
   88% polychlorinated phenols.

The first approximately 8200 drums was a mixture of all of our waste streams, being an average of a first and second type of

waste chemicals.

I had indicated to you that we had assayed some material that was ground tested by Dr. Goulding at the Alkali Lake site. As yet I have not been able to find these assays. The laboratory will come up with this information and I will forward it to you early next week. Memory says that the material sprayed on the ground was three to four times stronger in total organics than the test data indicated in the report made by Dr. Goulding.

Very truly yours,

R. F. Gitschlag, Plant Manager
CHIPMAN DIVISION OF RHODIA INC.

RFG:bjf